

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-10 Cancelled

11. (Currently amended): A method for blocking or suppressing ~~[the]~~ an inhibitory effect of IL-1 on cartilage tissue growth comprising administering ~~[an effective amount of]~~ a BMP in an amount effective to reduce the IL-1 effect on cartilage tissue growth in a patient in need of same.

12. (Previously presented): The method of claim 11 wherein said BMP is selected from the group consisting of BMP-2 and BMP-9.

Claims 13-20 Cancelled

21. (Currently amended): A method for inducing chondrogenesis, said method comprising administering an effective amount of a composition comprising CD105+ non-tissue culture expanded cells isolated from bone marrow and a suitable matrix carrier.

22. Cancelled

23. (Original): The method of claim 22 further comprising administering a bone and or cartilage inducing factor.

24. (Original): The method of claim 23 wherein said factor is a BMP.

25. (Original): The method of claim 24 wherein said BMP is selected from the group consisting of BMP-2 and BMP-9.

26. (Currently amended): A method for treating arthritis, said method comprising administering an effective amount of a composition comprising CD105+ non-tissue culture expanded cells isolated from bone marrow and a suitable matrix carrier.

27. (Currently amended): A method for treating articular cartilage defects or damage, said method comprising administering an effective amount of a composition comprising CD105+ non-tissue culture expanded cells isolated from bone marrow and a suitable matrix carrier.

28. (Currently amended): A method for repairing cartilage tissue said method comprising administering an effective amount of a composition comprising

1) CD105+ non-tissue culture expanded cells isolated from bone marrow and a suitable matrix carrier, and

2) a factor selected from a bone inducing factors and cartilage inducing factors.

29. (Currently amended): The method of claim 28 wherein [~~said isolated cells are CD105+ cells and~~]said factor is a BMP.

30. Cancelled

31. (Previously presented): The method of claim 30 wherein said BMP is selected from the group consisting of BMP-2 and BMP-9.